



\$ 2828

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 43749  
Application ID: 09498703  
Title of Invention: METHOD AND APPARATUS FOR  
REDUCING LASER SPECKLE USING  
POLARIZATION AVERAGING  
First Named Inventor: Jahja Trisnadi  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2000-02-07  
Effective Receipt Date: 2003-07-16  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 9200  
Attorney Docket Number: NONE  
Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 81275  
Deposit Account Name: Thomas B. Haverstock  
Access Code: \*\*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2003-07-16  
RAM Sequence Number: 6



RECEIVED  
JUL 21 2003  
TECHNOLOGY CENTER 2800

Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: ed44267574bc247228daf653519ac11e1c884374

07/17/2003 EFSPROD 00000006 09498703  
01 FC:1806 180.00 DA

APP\_ID=09498703

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>METHOD AND APPARATUS FOR REDUCING LASER SPECKLE USING POLARIZATION AVERAGING</b>																	
Application Number: 09/498703 Date: 2000-02-07 First Named Applicant: Jahja I. Trisnadi  Confirmation Number: 9200 Attorney Docket Number:																		
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>																		
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney										
Submitted by:	Elec. Sign.	Sign. Capacity																
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney																
<table><tr><td><b>Documents being submitted</b></td><td><b>Files</b></td><td rowspan="6"><b>RECEIVED</b> <b>JUL 21 2003</b> <b>TECHNOLOGY CENTER 2800</b></td></tr><tr><td>us-fee-sheet</td><td>SLM04300A-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xml</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>SLM04300A-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xml</td><td></td></tr></table>			<b>Documents being submitted</b>	<b>Files</b>	<b>RECEIVED</b> <b>JUL 21 2003</b> <b>TECHNOLOGY CENTER 2800</b>	us-fee-sheet	SLM04300A-usfees.xml		us-fee-sheet.xml		us-fee-sheet.dtd	us-ids	SLM04300A-usidst.xml		us-ids.dtd		us-ids.xml	
<b>Documents being submitted</b>	<b>Files</b>	<b>RECEIVED</b> <b>JUL 21 2003</b> <b>TECHNOLOGY CENTER 2800</b>																
us-fee-sheet	SLM04300A-usfees.xml																	
	us-fee-sheet.xml																	
	us-fee-sheet.dtd																	
us-ids	SLM04300A-usidst.xml																	
	us-ids.dtd																	
	us-ids.xml																	

Comments



## FEE TRANSMITTAL

Electronic Version v08  
Stylesheet Version v08.0

### Title of Invention

METHOD AND APPARATUS FOR REDUCING LASER SPECKLE  
USING POLARIZATION AVERAGING

Application Number: 09/498703  
Date: 2000-02-07  
First Named Applicant: Jahja I. Trisnadi  
Attorney Docket Number:

**TOTAL FEE AUTHORIZED \$180**

Patent fees are subject to annual revisions on or about October 1st of each year.

### BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180

### AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 081275

Access Code: \*\*\*\*

Deposit name: Haverstock and Owens LLP

Deposit authorized name: Thomas B. Haverstock

Signature: /tbh/

Date (YYYYMMDD): 2003-07-16

RECEIVED  
JUL 21 2003  
TECHNOLOGY CENTER 2800

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	METHOD AND APPARATUS FOR REDUCING LASER SPECKLE USING POLARIZATION AVERAGING																																																																																																						
<p>Application Number: 09/498703</p> <p>Confirmation Number: 9200</p> <p>First Named Applicant: Jahja Trisnadi</p> <p>Attorney Docket Number:</p> <p>Search string: ( 1525550 or 1548262 or 1814701 or 2415226 or 2783406 or 2920529 or 2991690 or 3256465 or 3388301 or 3443871 or 3553364 or 3576394 or 3600798 or 3656837 or 3657610 or 3693239 or 3743507 or 3752563 or 3781465 or 3783184 or 3792916 or 3802769 or 3811186 or 3861784 or 3862360 or 3871014 or 3886310 or 3896338 or 3915548 or 3935499 or 3935500 or 3938881 or 3942245 or 3943281 or 3947105 or 3969611 or 3980476 or 3991416 or 4001663 or 4004849 or 4006968 or 4009939 or 4011009 or 4012116 or 4012835 or 4017158 or 4020381 or 4021766 or 4034211 ).pn.</p>																																																																																																							
<p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>1525550</td><td>1925-02-10</td><td>C. F. Jenkins</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>1548262</td><td>1925-08-04</td><td>A. Freedman</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>1814701</td><td>1931-07-14</td><td>H. E. Ives</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>2415226</td><td>1947-02-04</td><td>G. C. Sziklai</td><td></td><td>178</td><td>5.4</td></tr><tr><td></td><td>5</td><td>2783406</td><td>1957-02-26</td><td>J. J. Vanderhooft</td><td></td><td>313</td><td>70</td></tr><tr><td></td><td>6</td><td>2920529</td><td>1960-01-12</td><td>R. Blythe</td><td></td><td>88</td><td>73</td></tr><tr><td></td><td>7</td><td>2991690</td><td>1961-07-11</td><td>D. S. Grey et al.</td><td></td><td>88</td><td>16.6</td></tr><tr><td></td><td>8</td><td>3256465</td><td>1966-06-14</td><td>M. Weissenstern et al.</td><td></td><td>317</td><td>101</td></tr><tr><td></td><td>9</td><td>3388301</td><td>1968-06-11</td><td>B. D. James</td><td></td><td>317</td><td>234</td></tr><tr><td></td><td>10</td><td>3443871</td><td>1969-05-13</td><td>A. K. Chitayat</td><td></td><td>356</td><td>106</td></tr><tr><td></td><td>11</td><td>3553364</td><td>1971-01-05</td><td>Lee</td><td></td><td>178</td><td>7.3</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	1525550	1925-02-10	C. F. Jenkins					2	1548262	1925-08-04	A. Freedman					3	1814701	1931-07-14	H. E. Ives					4	2415226	1947-02-04	G. C. Sziklai		178	5.4		5	2783406	1957-02-26	J. J. Vanderhooft		313	70		6	2920529	1960-01-12	R. Blythe		88	73		7	2991690	1961-07-11	D. S. Grey et al.		88	16.6		8	3256465	1966-06-14	M. Weissenstern et al.		317	101		9	3388301	1968-06-11	B. D. James		317	234		10	3443871	1969-05-13	A. K. Chitayat		356	106		11	3553364	1971-01-05	Lee		178	7.3
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																																																																
	1	1525550	1925-02-10	C. F. Jenkins																																																																																																			
	2	1548262	1925-08-04	A. Freedman																																																																																																			
	3	1814701	1931-07-14	H. E. Ives																																																																																																			
	4	2415226	1947-02-04	G. C. Sziklai		178	5.4																																																																																																
	5	2783406	1957-02-26	J. J. Vanderhooft		313	70																																																																																																
	6	2920529	1960-01-12	R. Blythe		88	73																																																																																																
	7	2991690	1961-07-11	D. S. Grey et al.		88	16.6																																																																																																
	8	3256465	1966-06-14	M. Weissenstern et al.		317	101																																																																																																
	9	3388301	1968-06-11	B. D. James		317	234																																																																																																
	10	3443871	1969-05-13	A. K. Chitayat		356	106																																																																																																
	11	3553364	1971-01-05	Lee		178	7.3																																																																																																

RECEIVED  
JUL 21 2003  
TECHNOLOGY CENTER 2800

12	3576394	1971-04-27	Lee
13	3600798	1971-08-24	Lee
14	3656837	1972-04-18	Sandbank
15	3657610	1972-04-18	Yamamoto et al.
16	3693239	1972-09-26	Dix
17	3743507	1973-07-03	Ih et al.
18	3752563	1973-08-14	Torok et al.
19	3781465	1973-12-25	Ernstoff et al.
20	3783184	1974-01-01	Ernstoff et al.
21	3792916	1974-02-19	Sarna
22	3802769	1974-04-09	Rotz et al.
23	3811186	1974-05-21	Larnerd et al.
24	3861784	1975-01-21	Torok
25	3862360	1975-01-21	Dill et al.
26	3871014	1975-03-11	King et al.
27	3886310	1975-05-27	Guldborg et al.
28	3896338	1975-07-22	Nathanson et al.
29	3915548	1975-10-28	Opittek
30	3935499	1976-01-27	Oess
31	3935500	1976-01-26	Oess et al.
32	3938881	1976-02-17	Biegelsen et al.
33	3942245	1976-03-09	Jackson et al.
34	3943281	1976-03-09	Keller et al.
35	3947105	1976-03-30	Smith
36	3969611	1976-07-13	Fonteneau
37	3980476	1976-09-14	Wysocki
38	3991416	1976-11-09	Byles et al.
39	4001663	1977-01-04	Bray
40	4004849	1977-01-25	Shattuck
41	4006968	1977-02-08	Ernstoff et al.
42	4009939	1977-03-01	Okano
43	4011009	1977-03-08	Lama et al.
44	4012116	1977-03-15	Yevick
45	4012835	1977-03-22	Wallick
46	4017158	1977-04-12	Booth
47	4020381	1977-04-26	Oess et al.

178	7.3
29	592
350	161
317	243
29	470
96	81
350	151
178	5.4 BD
178	5.4 BD
350	163
352	43
29	626
350	162 R
178	7.3 D
357	67
178	7.5 D
315	373
350	3.5
313	413
313	495
350	161
29	591
178	7.5 D
353	121
219	502
96	1.1
340	324 R
321	2
350	160 R
350	160 LC
350	162 SF
350	162 R
350	132
29	591
350	162 SF
313	302

	48	4021766	1977-05-03	Aine	338	2
	49	4034211	1977-07-05	Horst et al.	235	61.12 N

## Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 1 out of a total of 16 electronic filings.

## Signature

<b>Examiner Name</b>	<b>Date</b>